

Active Recombinant Human PNP Protein, His-tagged

Cat. No. PNP-1101H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PNP (Accession # P00491) Met1-Ser289, fused with a C-terminal 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ser289
Predicted N Terminal	Met1
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by the phosphorolysis of 7-methyl-6-thioguanosine. The specific activity is >35,000 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human PNP, His-tagged has a calculated MW of 33 kDa. In SDS-PAGE migrates as 30-35 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	PNP purine nucleoside phosphorylase [Homo sapiens]
Official Symbol	PNP
Synonyms	PNP; purine nucleoside phosphorylase; NP, nucleoside phosphorylase; PUNP; inosine phosphorylase; purine-nucleoside:orthophosphate ribosyltransferase; NP; PRO1837; FLJ94043; FLJ97288; FLJ97312; MGC117396; MGC125915; MGC125916;
Gene ID	4860
mRNA Refseq	NM_000270
Protein Refseq	NP_000261
MIM	164050
UniProt ID	P00491
Chromosome Location	14q11.2

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